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# Germany's Covestro launches production of medical-grade thermoplastic polyurethane in Taiwan

June 27, 2025 | News

**Enables faster, more flexible regional supply to meet growing demand**



German firm Covestro has launched production of its new Desmopan® Rx medical-grade Thermoplastic Polyurethane (TPU) at its Changhua site in Taiwan, which has recently been qualified for medical-grade TPU manufacturing.

As Covestro's second facility worldwide—after New Martinsville in North America—qualified to produce medical-grade TPU, the Changhua site localised production of these high-standard materials in Asia Pacific, enabling more flexible and efficient regional supply to meet growing demand.

Produced at the Changhua site in accordance with Good Manufacturing Practice (GMP) principles, the new Desmopan® Rx grades are engineered to meet stringent international requirements for medical applications and minimize contamination risks.

The materials are verified for biocompatibility in accordance with ISO 10993 and China's YY/T 1557 standards for TPU used in infusion, transfusion and injection equipment. They are free from added plasticizers, exhibit low extractables and are compatible with multiple sterilisation.

Desmopan® Rx grades are specifically developed for medical device components such as thin-walled flexible tubing, catheters, connectors, component housings, endoscopes, healthcare devices and wearables. Tubing made with Desmopan® Rx can be effectively used in a wide range of clinical applications, including surgical procedures, hemodialysis, drug delivery systems and wound care.

In addition, Desmopan® Rx grades are well-suited for medical nonwoven applications due to their compatibility with melt-blown processes. Nonwovens made from these grades combine functional performance with compliance to medical waste regulations, making them ideal for surgical drapes, wound dressings, gowns, sterile packaging and protective equipment.